EPARTMENT OF HEALTH AND HUMAN SERV Public Health Service Food and Drug Administration

APPLICATION FOR A TARGE FROM 21 CFR 1040.11(c) FO., A LASER LIGHT SHOW, DISPLAY, OR DEVICE

Expiration Date: October 31, 2000 See Page 4 for OMS Statement

DOCKET NUMBER

NOTE: No laser light show, projection system, or de application in accordance with 21 CFR 1010	evice may vary from compl 3.4.	iance with 21 CFR 1040.11(c)	in design or us	e without the approval of this
1 Check all applicable boxes and type or print the requested information 2 Submit an original and four (4) copies.	INSTRU 3. M D	CTIONS Ball your application to the Docks Administration, Rm 1061 56 Inter docket number if assigned	ns Mänagement 30 Fishers Lane	Branch (HFA-305), Food and , Rockville, MD 20852
1. NAME OF COMPANY		·		
Divine Lightwave Technologies, Inc.				
2. ADDRESS OF COMPANY (Include ZIP Code)(II		actual sirpet address also.)		
1811 Dorothea Berkley, Michigan 48 3. NAME AND TITLE OF RESPONSIBLE PERSON		1. TELEPHONE NO. (Include	area code)	5 DATE OF SUBMISSION
3. NAME AND TITLE OF RESPONSIBLE PERSON Daniel B. Pinkos		248.398.6100 voice/fa		April 15, 1999
A THE APPLICANT REQUESTS THE VARIANCE	TO BE IN EFFECT FOR	A PERIOD OF	YEARS F	NOM THE DATE OF ISSUE (In
general, the Agency will approve a variance for only	y two years. If a longer pend	nd is requested, a justification mi	ust be amiched a	as pair of the application.)
7.	PRODUCT DESCR			
LIST NAME AND/OR MODEL NUMBER(S) FOR		W(S) AND PROJECTOR(8)		
Divine Lightwave Technologies Mod				AT ANY ONE COCATAN
PRODUCT FOR WHICH A VARIANCE IS REQU	JESTED	f. PRODUCT IS INTENDED		AT ANT UNE LUCATION
A laser display device		More than 15 days		la na
A projector for a leaser light show		More than 5 but no	n more than 15 (ays
A laser light show		Less than 5 days g. TOUR IS INTENDED TO	BUN FOR	
Other (Specify)	I EACE OD LOAN TO	g, TOUR IS INTENDED TO More than 6 month		
c. PROJECTORS ARE INTENDED FOR SALE OTHER LASER LIGHT SHOW PRODUCER:	, LEAGE, UN LUAN IU S	1 -6 months	্ব	
	-	Less than one mon	v.	
d. PRODUCT IS INTENDED FOR USE IN A		Not applicable (No		
Planetarium or other dome projection stru	Citie	Other (Specify)	11-1-1	
X Theater		n. PRODUCT UTILIZES THE	F FOLLOWING	LASER EFFECTS
Hotel/morel ballroom or meeting room		Front screen project		the respect to the first teaching
X Store displays		Rear screen project		
Trade show or convention		Holographic display		
Discotheque or night club Sociation		Multiple reflection/o		:
Paylion Indeed store				scanning any accessible
(X) Indoor arena		uncontrolled areas		THE PERSON NAMED IN THE PE
Outdoor arena Museum		Reflections from su		or mirrored
Museum Outdoor unenclosed area		surfaces (Beam M		- velicira
Other (Specify)		Stationary irradiation		rror balls. etc.
e. PRODUCT IS INTENDED TO BE USED	, , , , , , , , , , , , , , , , , , ,	Scanning Irradiation	_	
At only one (Fixed) location		Fiber optic projection	-	
At a variety of (Tour) locations		Fog, smoke, or oth		hancement effects
Other (Specify)		Other (Specify) Flat	_	
6	LASER RADIA	TION LEVELS		
LASER MEDIUM (Ar, He-Ne, etc.)		IGTHS (nm)	PEA	K POWER (MAILS)
Kr/Ar Mixed Gas	647, 521-515, 488	17, 430nm	.1, 0.7, 0.8,	O.UJ Walts
9. IF ANY LASER RADIATION IS PULSED OR SCA	NNED, GIVE THE PULSE	DURATION AND RATE AND	CANNING FRE	QUENCY AND AMPLITUDE
Laser radiation is scanned at 30k	Cand has a deflect	tion amplitude of up t	o 80 deare	es
10. REASON FOR REQUESTING VARIANCE				
Compliance with the limits of 21 CFR 104	0.11(c) would restrict the in	tended use of the product became	ause compliano	e would
limit the output power to the extent that the	n depried ellech morad voi	he smillestiff Arsing		
Orner or additional explanation (Specify)				
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	(it is	propo	sed	to devi	ate fr	om the	provis	anona	of 21	CFR 1	1040.1	11(c) a	s folio	w5.									
12.	AD	VA	NTA	GES	TO	BE DE	RIVE	D FRO	W SU	CH C	EVIA	TION	•						_						
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Advance written notification will be made early as possible to appropriate redectal, state, and including a statement of the maximum power output intended. Such notifications will be made, but not necessarily be limited, to:

- (1) The Center for Devices and Radiological Health, Office of Compliance (HFZ-S42), 2098 Gaither Road, Rockville, MD 20850, providing the initial and closing dates for fixed installations and the itinerary for mobile shows. In addition, unless all aspects of each show have been reported and accession numbers clearly referenced, each notice will include detailed descriptions of each show and a listing of all effects to be performed in sufficient detail to confirm compliance with the regulations and this variance.
- (2) The Federal Aviation Administration (FAA) for any projections into open airspace at any time (i.e., including sot up, alignment, rehearsals, performances, etc.). It the FAA objects to any laser effects, the objections will be resolved and any conditions requested by FAA will be adhered to. If these conditions cannot be met, the objectionable effects will be deleted from the show
- (3) State and local radiation control offices/agencies for all shows to be performed within their jurisdictions. All requirements of state and local law will be satisfied and any objections raised by local authorities will be resolved or the effects deleted. (A list of lederal and state offices is available from the Center for Devices and Radiological Health upon request.)

14. REMARKS

We request that our variance be approved for a period of 5 years. This laser projector is our primary product and we do not anticipate functional changes to the hardware.

We will immediately report any model changes during the extended variance period.

CERTIFICATION

I CERTIFY that all of the above information and statements are true, complete, and correct to the best of my knowledge and acknowledge that my variance application may be denied or my variance may be revoked if this application is found to be false, misleading or incorrect in any material way. I have submitted and will submit all reports required by 21 CFR 1002.10 and 1002.11 on the taser equipment and show(s). I further understand that I may be required by regulation or by the Director, Center for Devices and Radiological Health, to supply such other information as may be necessary to evaluate and act on this application.

15. SIGNATURI

Da-l B. A-Kon

16. NAME (Type or Print)

Daniel B. Pinkos

17. TITLE

President